

Pattern and Polarity: Establishing Difference in Development
The 1996 Graduate Student Symposium
April 12-14, 1996

Invited Speakers

Keynote Address: *Ira Herskowitz: The establishment of polarity

Session I: Cell polarity

Richard Losick: Bacterial cell polarity and sigma factors

*Joseph Frankel: Cellular polarity in ciliates

Paul Nurse: Polarity in the fission yeast

Session II: Polarity in early embryogenesis

*Ken Kemphues: Genes required for establishment of polarity in the *C. elegans* embryo

Ralph Quatrano: The cytoskeleton and control of polarity in *Fucus* eggs

Trudi Shupbach: Dorsoventral patterning in *Drosophila*

*Randall Moon: Dorsoventral patterning in *Xenopus*

Session III: Refinements on polarity--decisions in late development

John Shiefelbein: Polar growth and patterning in plant roots

Andrew Tomlinson: Patterning in insect appendages

Clifford Tabin: The signals involved in vertebrate mesoderm and limb bud patterning

Thomas Jessel: Patterning in the developing vertebrate nervous system

*Attendance confirmed